

DECLARATION FOR PATENT APPLICATION (JOINT OR CO-FILE)
(Under 37 CFR § 1.63; with Power of Attorney)
File No. VG-001

As a below named inventor, I hereby declare that:
My residence, post office address and citizenship are as stated below next to my name,
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED:

METHOD AND APPARATUS FOR FINDING HIDDEN PATTERNS IN THE CONTEXT OF QUERYING APPLICATIONS

the specification of which

is attached hereto.

— was filed on _____ as Application Serial No. _____,

with amendment(s) through _____ (if applicable, give dates).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) [list additional applications on separate page]:

Priority Claimed:

<u>Number:</u>	<u>Country:</u>	<u>Filed (Day/Month/Year):</u>	<u>Yes</u>	<u>No</u>
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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) [list additional applications on separate page]:

<u>Appn. Ser. Number:</u>	<u>Filed (Day/Month/Year):</u>	<u>Status (patented, pending, abandoned):</u>
60/103, 948	13/10/98	Pending

I hereby appoint C. Andrew Im, Registration No. 40,657 as the attorney, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection therewith, and specify that all communications about the application are to be directed to the following correspondence address:

C. ANDREW IM, Esq.
280 N. Central Park Avenue, Suite 235
Hartsdale, NY 10530

Direct all telephone calls to:
(914) 761-2334
to the attention of:
C. Andrew Im

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S):

Signature: Inderpal S. Bhandari

Date: OCT-12, 1999

Full name of sole or first inventor:

Inderpal S. Bhandari

Residence:

220 Ardsley Road, Scarsdale, NY 10583

Citizenship:

India

Signature: Rajiv Pratap

Date: October 12th 1999

Full name of 2nd joint inventor (if any):

Rajiv Pratap
5 Wyndover Woods Lane, #1, White Plains, NY 10603

Residence:

India

Signature: Krishnakumar Ramanujam

Date: OCTOBER 12, 1999

Full name of 3rd joint inventor (if any):

Krishnakumar Ramanujam
3 Wyndover Woods Lane, #16, White Plains, NY 10603

Residence:

India

Post Office Address(es) of inventor(s):
[if different from residence]

Note: In order to qualify for reduced fees available to Small Entities, each inventor and any other individual or entity having rights to the invention must also sign an appropriate separate "Verified Statement (Declaration) Claiming [or Supporting a Claim by Another for] Small Entity Status" form [e.g. for Independent Inventor, Small Business Concern, Nonprofit Organization, individual Non-Inventor].



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

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Washington, D.C. 20231

JANUARY 27, 2000

PTAS

C. ANDREW IM
280 N. CENTRAL PARK AVENUE
SUITE 235
HARTSDALE, NY 10530



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/12/1999

REEL/FRAME: 010336/0663
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BHANDARI, INDERPAL S.

DOC DATE: 10/12/1999

ASSIGNOR:

PRATAP, RAJIV

DOC DATE: 10/12/1999

ASSIGNOR:

RAMANUJAM, KRISHNAKUMAR

DOC DATE: 10/12/1999

ASSIGNEE:

VIRTUAL GOLD, INC.
280 N. CENTRAL PARK AVENUE, SUITE
235
HARTSDALE, NEW YORK 10530

SERIAL NUMBER: 09416414

FILING DATE: 10/12/1999
ISSUE DATE:

SEARCHED INDEXED
MAILED 10/12/1999

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KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
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SET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commis:

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ched original documents or copy thereof.

1. Name of conveying party(ies)

Inderpal S. Bhandari
 Rajiv Pratap
 Krishnakumar Ramanujam

Additional name(s) of conveying party(ies) attached?

 Yes No

2. Name and address of receiving party(ies)

Name: VIRTUAL GOLD, INC.

Internal Address:

Street Address: 280 N. Central Park Avenue, Suite 235

City: Hartsdale, New York 10530

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other

Execution Date: October 12, 1999

4. Application number(s) or patent number(s): 09/416414

If this document is being filed together with a new application, the execution date of the application is: October 12, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved

1

Name: C. Andrew Im

7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed

Internal Address:

Authorized to be charged to deposit account #

Street Address: 280 N. Central Park Avenue, Suite 235

City: Hartsdale State: NY Zip: 10530

8. Deposit account number:
 (Attach duplicate copy of this page if paying by deposit account)

Do not use this space

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10/22/1999 NPEODN 6 00000001 09416414
04 FC:501 Name of Person Signing

40.00 ap

Signature

October 12, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2

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 Washington, D.C. 20231

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ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

METHOD AND APPARATUS FOR FINDING HIDDEN PATTERNS IN THE CONTEXT OF QUERYING APPLICATIONS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Virtual Gold, Inc., with principal offices located at 280 North Central Avenue, Suite 235, Hartsdale, New York 10530 (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

This assignment executed on the dates indicated below.

Inderpal S. Bhandari

Name of first or sole inventor

220 Ardsley Road, Scarsdale, New York 10583

Residence of first or sole inventor

I.S. Bhandari

Oct. 12, 1999

Signature of first or sole inventor

Date of this assignment

Rajiv Pratap

Name of second inventor

5 Wyndover Woods Lane, #1, White Plains, New York 10603

Residence of second inventor

Rajiv Pratap

October 12, 1999

Signature of second inventor

Date of this assignment

Krishnakumar Ramanujam

Name of third inventor

3 Wyndover Woods Lane, #16, White Plains, New York 10603

Residence of third inventor

Krishnakumar Ramanujam

OCT. 12, 1999

Signature of third inventor

Date of this assignment